

ABSTRACT OF THE DISCLOSURE

5 A phase signal is modulated in quadrature  
modulation by a quadrature modulator, and the frequency  
of this modulated phase signal is converted into  
carrier frequency by a frequency converter. An  
amplitude signal extracted from the modulating signal  
is delayed by a delay circuit, and an output gain  
signal designating the output average power gain is  
supplied to the output signal of the delay circuit.  
10 Synchronization of this frequency modulated phase  
signal and the amplitude signal delayed and added to  
the output gain signal allows to obtain an RF signal  
with little out of band undesired component even if the  
modulating signal contains amplitude variation.  
15 Therefore, the RF signal with little out of band  
undesired component is output even if the modulating  
signal contains amplitude variation.

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